



# LG G3 Screen Replacement

Replacing the screen

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# INTRODUCTION

This guide will show you how to replace a damaged screen on your LG G3.

[video: <https://www.youtube.com/watch?v=Tc7VLxInft8>]



## TOOLS:

- [Metal Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Metal Probe](#) (1)
- [Tesa 61395 Tape](#) (1)
- [Double Sided Adhesive Tape - 1mm Width](#) (1)
- [Double Sided Adhesive Tape - 5mm Width](#) (1)
- [iFixit Opening Tools](#) (1)



## PARTS:

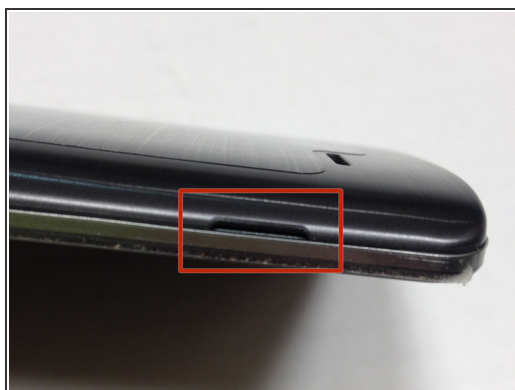
- [LG G3 LCD Screen and Digitizer](#) (1)
- [LG G3 LCD Screen and Digitizer \(ATT\)](#) (1)
- [LG G3 LCD Screen and Digitizer \(T-Mobile\)](#) (1)
- [LG G3 LCD Screen and Digitizer \(Verizon\)](#) (1)
- [LG G3 LCD screen sticker](#) (1)
- [LG G3 LCD screen](#) (1)
- [LG G3 Motherboard \(AT T\)](#) (1)
- [LG G3 Motherboard \(T-Mobile\)](#) (1)
- [LG G3 Motherboard \(Verizon\)](#) (1)

## Step 1 — Rear Case



- Take your phone and place it screen down.

## Step 2



- Start by lifting the back panel using the gap located on the bottom-left side of the phone.
- Insert the plastic opening tool into the gap and move it along the edge of the phone until the rear case pops off.



## Step 3 — Battery



- Remove the battery from the phone.

## Step 4 — Screen



- Remove the 13 screws found on the back of the phone.

**i** The screw circled in red is shorter than the other 12 screws. For an easier time when reassembling the phone, store it separately from the other screws.

## Step 5



- Locate the same gap used in the earlier step
- Remove the bottom panel by gently lifting using your fingers

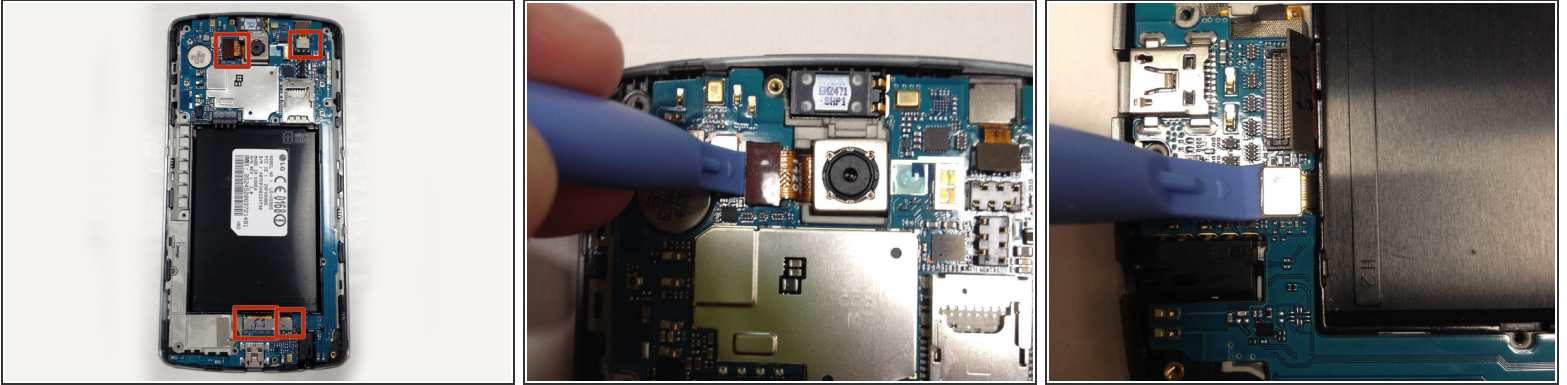
## Step 6



- Remove the top panel by gently lifting with your finger
- ⓘ Do not pull up too forcefully, as there is a risk of the top panel breaking

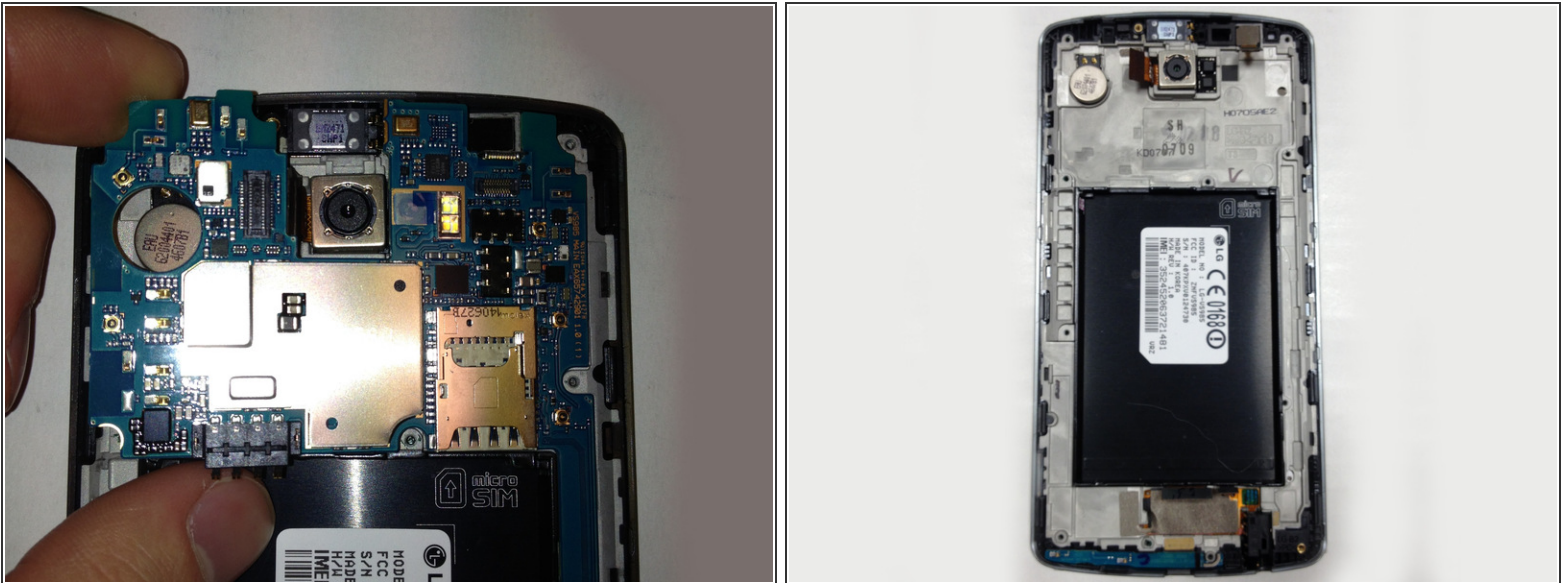


## Step 7



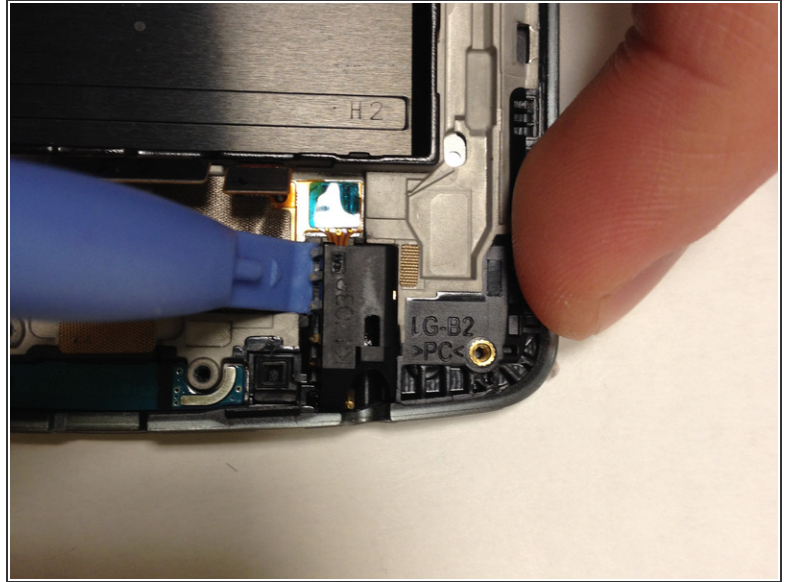
- Take the plastic opening tool and gently wedge it under where the ribbon cable is connected
- Gently lift up to disconnect the ribbon cable
- Repeat until all four ribbon cables are disconnected

## Step 8



- Remove the motherboard by lifting gently
- ⓘ Take care not to damage the ribbon cables if the other components are functional. Damaging them may result in other components not working

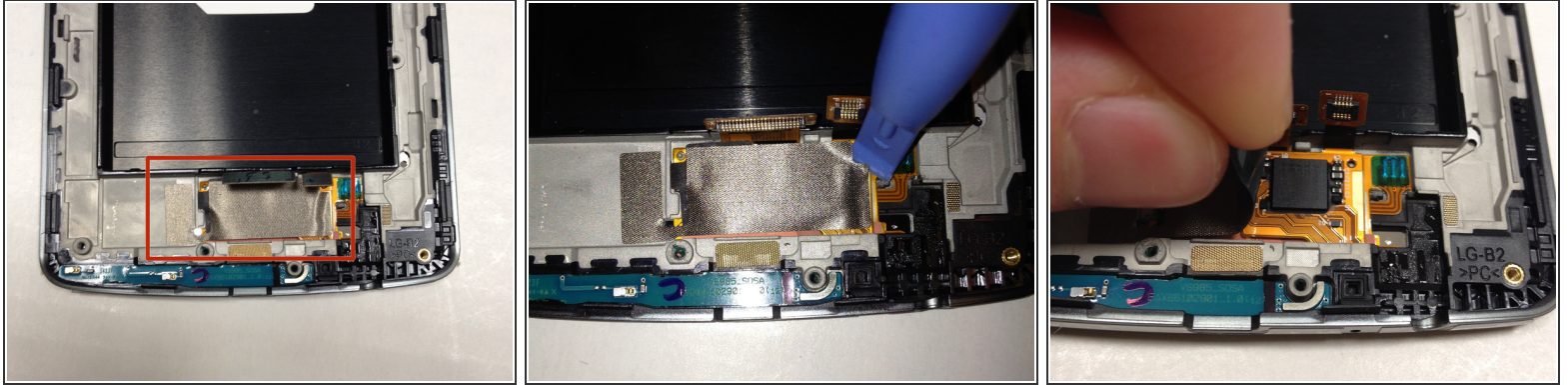
## Step 9



- Remove the headphone port

**i** The headphone port is kept in place with an adhesive, so it may take some time and effort to get it out

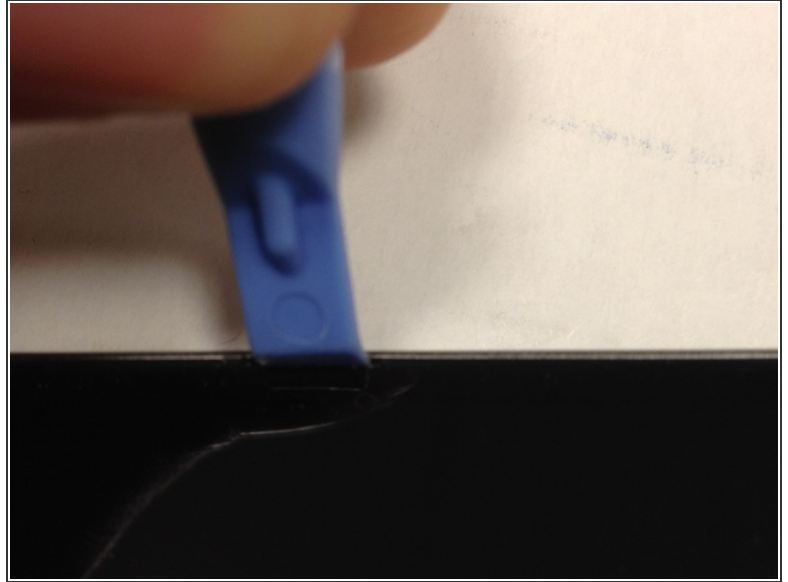
## Step 10



- ✦ If you are going to be using a screen assembly with a pre-installed frame, you may stop here and follow the previous steps in reverse with your new screen assembly. Otherwise, you will now transfer the LCD bezel as well as the speaker grille.
- Remove the metal tape to reveal the ribbon cables connected to the screen
- i The metal tape is stuck on there pretty well. Get the plastic opening tool under the right-hand side and corners and slowly work your way to getting it off
- i Be careful when removing the metal tape. We can reuse it after we replace the screen



## Step 11



- ⓘ If you wish to preserve the LCD screen for whatever reason, it is recommended you use a heat gun around the sides in order to weaken the adhesive that keeps the screen in place
- Take something thin, such as a knife, and wedge it between the screen and the body of the phone
- Once you have created some space, wedge your plastic opening tool into the space and remove the knife
- Move your plastic opening tool up and down the side of the phone while lightly pulling up. Repeat this for all sides until the screen comes out
- ⓘ If you wish to preserve the LCD screen, be careful how deep you wedge the plastic opening tool in and how hard you pull up to get the screen out. Depending on the depth of the plastic opening tool and strength used, there is a high risk of damaging the LCD screen
- ⓘ Remove the old adhesive from the body and replace with new adhesive so the new screen will stay in place

## Step 12 — Front Speaker Grille



- ✦ Before reassembly, be sure to transfer the front speaker grille if it is not included with the new screen. If not, carefully push the grille out from the old screen, then reinsert it on the new LCD.

To reassemble your device, follow these instructions in reverse order.

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